

IN THE CLAIMS:

1. (Currently Amended) A computer readable medium containing a computer program for managing a family of ~~complex~~ systems having a shared family architecture based upon commonly used generic building blocks of software, and wherein

- a component framework that comprises a skeleton of software architecture and supports participating software plug-in components;
- individual software plug-in components provides one or more services/functions and
- the component framework defines roles/actions providing one or more common interfaces for communication of services of several plug-in components that manipulate hardware associated with the component framework.

2. (Original) A complex system being a member of the family as claimed in Claim 1, wherein the component framework includes an inventory function for assessing available services in the participating plug-in components.

3. (Currently Amended) A complex system as claimed in Claim 2, wherein the inventory function ~~is arranged for~~ includes initializing the services.

4. (Currently Amended) A complex system as Claimed in Claim 2 wherein the inventory function ~~is arranged to asses~~ assesses available services at initialization of the system or during run-time of the system.

5. (Currently Amended) A complex system as claimed in Claim 2 wherein the inventory function ~~is arranged to maintain~~ maintains a list of the available services.

6. (Currently Amended) A family of complex systems as claimed in Claim 1, wherein the family members are medical diagnostic systems, ~~in particular~~ comprising an x-ray examination apparatus.

7. (Currently Amended) A complex system, ~~in particular~~ comprising an x-ray examination apparatus having a computer readable meaning comprising software architecture and wherein

- a component framework that comprises a skeleton of software architecture and supports participating software plug-in components;
- individual software plug-in components ~~provides~~ providing one or more services including rotation displacements of components of an X-ray apparatus including X-ray source and X-ray detector, and a patient table, and
- the component framework defines roles/actions that ~~provides~~ provide one or more common interfaces for communication of services of several participating software plug-in components.